

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: BILL088@aol.com
Subject: Blown ballast tube in the 390a
Message-ID: <950903160155_10076957@mail04.mail.aol.com>

Well it had to happen, after years of thinking "*my* ballast tube will last forever" was shattered last night. I was listening to a pirate radio station on three rigs; 51J4,75A4 and a 180A, the frequency was 6955 upper sideband.

Hey! Lets turn on the 390A and see how it deciphers this illegal mess of an overmodulated pathetic excuse for a radio station! Well the radio warmed up and no signal or noise or anything. Just a constant 20 db on the meter.....

So this morning I got up the nerve to start checking tubes and low and behold the ballast tube showed an "open" on the VTVM. There was the problem.....Now all those years of passing up good deals on the ballast tube at hamfests prompted me to write now. Where are the best deals now? What about that mod for the ballast tube? I heard it was no good. Sorry if this subject has been beat to death on BOATANCHORS but I have not seen it lately. Thanks to all and to all Happy Labor Day!

Bill
AC4LC

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: nielw@ix.netcom.com (Niel Wiegand)
Subject: Blue Racer Question
Message-ID: <199509031602.JAA13041@ix3.ix.netcom.com>

I have a question about the knurl on the screws on the Vibroplex Blue Racer.

Did the dot and dash adjustment screws and locknuts have a knurl pattern different from the rest of the screws on this bug?

Niel - WA5VLZ

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: Neal McEwen <nmcewen@metronet.com>
Subject: Re: Blue Racer Question
Message-ID: <199509031855.NAA00109@linux.k5rw.ampr.org>

> I have a question about the knurl on the screws on the Vibroplex Blue
> Racer.
> Did the dot and dash adjustment screws and locknuts have a knurl

> pattern different from the rest of the screws on this bug?

All of the knurling is the same pattern for the Blue Racer and all other models of Vibroplex.

--

73 de K5RW	- Neal McEwen	- Richardson, TX (Dallas)
***	I collect antique telegraph and wireless telegraph instruments.	***
amprnet	- k5rw@k5rw.ampr.org	- home (214) 234-1653
HomeNet	- nmcewen@metronet.com	- OS/2 Warp-tcp/ip SLIP
HomePage	- http://fohnix.metronet.com/~nmcewen/techno_weenies.html	

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995

From: bill@texan.frc0.com (William Hawkins)

Subject: Re: Coherer, anyone?

Message-ID: <9509031847.AA03829@texan.frc0.com>

Twas my impression that the coherer worked by cohering the metal particles into a circuit that would pass enough current to ring a bell, when the RF energy equivalent to Hertz's tiny spark in his receiving loop arrived from the antenna. The problem was, it stayed cohered until you tapped it to break up the particles. Mechanical tappers were used, but I don't remember any estimate of words per minute that could be received.

Bill Hawkins bill@bvc.frc0.com

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995

From: Bill VanAlstyne <bill@cruz.com>

Subject: Re: Coherer, anyone?

Message-ID: <199509040622.AA00353@cruz.com>

At 01:51 PM 9/3/95 -0500, William Hawkins wrote:

>Twas my impression that the coherer worked by cohering the metal
>particles into a circuit that would pass enough current to ring
>a bell, when the RF energy equivalent to Hertz's tiny spark in
>his receiving loop arrived from the antenna. The problem was,
>it stayed cohered until you tapped it to break up the particles.
>Mechanical tappers were used, but I don't remember any estimate
>of words per minute that could be received.

Quite right -- and as a previous poster noted, using one now as a detector for CW signals would simply produce a click as the particles cohered, and that would be the end of it. I hadn't taken that fact into consideration. :)

Spark transmitter signals consisted of non-continuous trains of damped waves, so the "tapper" could be used to decohere the particles as the next damped pulse was coming in to cohere them again. This cohering and decohering process occurred at audio frequencies, producing the characteristic "note" (to use a word rather loosely) of the received signal.

As I recall reading, Marconi eventually got up to about 20 WPM or so with the metal particle coherer. Later detectors (like the magnetic) were able to work much faster and increased this speed considerably. I seem to recall reading of speeds of over 100 WPM being achieved (pushing the envelope! -- not typically utilized in daily practice, I don't think) prior to the advent of vacuum tube detectors during and after the war.

Bill VanAlstyne, N6FN
bill@cruz.com

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: PasqualeNJ@aol.com
Subject: Digital Message Device AN/PSG-2A
Message-ID: <950904002754_10369453@mail02.mail.aol.com>

Gentlemen: I purchased two of the AN/PSG-2A Digital Message Device(s) yesterday. Does anyone in the group have one? Mfg. about 1982. From Manual "The 60-character keyboard and digital display permits operator to enter, review and edit the message before transmitting using fixed format messages or composed freetext messages. Incoming messages will also appear on display panel."..."DMD may be interfaced for operation with an FM radio set, AM/SSB radio set, crypto equipments, radio remote equipments, Ground Laser Location Designator (GLLD), or WD-1 field wire."

Pasquale Lombardi PasqualeNJ@aol.com

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: Jack Taylor <n7oo@hereford.ampr.org>
Subject: F/S M14/15 TTY books
Message-ID: <199509031936.0AA12511@uro.theporch.com>

2 ea CAA manuals covering maintenance and operation of the Teletype Corp model 15 printer (these are the books issued by the FAA Academy for technician training - they are exceptionally well written and illustrated).

TM 11-680 Teletypewriter Circuits and Equipment (Fundamentals), October 1947. 224 pages of schematics, diagrams, photos and descriptive text covering a variety of teletype configurations and equipment. A virtual GOLD MINE of info on military TTY gear of the era (Everyone should have an AN/TGC-1 in their BA shack! This is described as: "comprised of a metal

console which houses the following: two receiving-only typing reperforators, a multiple transmitter distributor comprised of a number transmitter AND two message transmitters, a motor-driven tape winder, a rectifier, a number tape reel, and circuit and control elements.")

TM 11-2222 Receiving Transmitter Distributors (TT-12/FGQ-1, TT-13/FGC-1 and Transmitter Distributors TT-21/FG, TT-25/FG, TT-26/FG, TT-52/FG (Including other Teletype model 14 Transmitter Distributors), May 1951. 178 pages on various single and multiple head tape TDs.

TM 11-2223 Typing and Nontyping Reperforators (Teletype model 14), September 1947. Over 370 pages of detailed easy to follow description covering operation and adjustment on these classic reperfs.

TM 11-5815-200-12 Teletypewriter Sets AN/FGC-20, AN/FGC-20X, AN/FGC-21, AN/FGC-64, AN/FGC-66, AN/FGC-67, AN/FGC-67X, AN/UGC-4, AN/UGC-29, AN/UGC-29X and Teleprinter TT-259/FG. Approx 30 pages covering a common Kliensmidt teleprinter series used in army comm centers and with tactical comm gear , February 1966.

TM 11-5805-247-35 Converter, Telegraph-Telephone Signal TA-182/U, 38 pages, November, 1960. This is the Field and Depot Maintenance Manual with schematics and photos.

A total of 7 publications. Offered as a set only, \$15 ppd.

73 de Jack (n7oo@hereford.ampr.org)

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: Jack Taylor <n7oo@hereford.ampr.org>
Subject: F/S, misc books
Message-ID: <199509031752.MAA05887@uro.theporch.com>

'Encyclopedia of The World's Commercial and Private Aircraft'. "The world's most comprehensive volume on civil aircraft". 143 diagrams - 113 color profiles - 230 color photographs. Over 250 pages on domestic and foreign aircraft. Includes airliners, commuter aircraft, freighters, executive aircraft, helicopters and light planes. Published 1981, LARGE hardcover in "fair" condition. \$10 ppd.

'The World's Great Fighter Aircraft' "The inside story of 100 classics in the evolution of fighter aircraft". Many-many photographs and cutaway

diagrams of fighters, world-wide, from 1908 to the near present. Published 1981, 240 pages, LARGE hardcover in "fair" condition \$12 ppd.

'The Radio Amateur's Handbook', 14th revised edition 1979, by A. Frederick Collins. "More than 200 photographs and diagrams, tables, reference lists, appendix, detailed glossary". Revised by Robert Hertzberg - K4JBI. This contains numerous photos of Heathkit and other commercial gear of the era. Hardcover, 375 pages in "fair" condition (a former library book), \$8 ppd.

'Soldier's Manual' - MOS 98G - Electronic Warfare/signal intelligence voice interceptor, volume 2, Skill levels 1, 2. This is a personnel evaluation and training guide for operation of specialized radio equipment, wheeled and tracked vehicles and, power generators. Large soft cover dated 1984, approx 1/2 in. thick. \$4 ppd.

'Electricity, Sound, and Light' "A short University course", by Millikan and Mills, 1908. 389 pages, regular sized hardcover. A genuine antique in "fair" (has former owners name and a few notes written on/in it) condition. \$8 ppd.

'Electricity and Magnetism' by S.G. Starling, 1927. Over 600 pages with excellent detail discussing the technology of the time. Lots of diagrams, charts, formulas, and a few pictures. Regular sized hardcover, in "poor" condition. \$7 ppd.

If someone wants them all, take a \$6 'postage adjustment' off the total price.

Note: This is NOT a business. I've purchased a LOT of books, manuals, and publications over the years and it's time to lighten the load. Hopefully the two aircraft books won't draw offense. I know there are a number of aviation enthusiasts in the group. Some of the cutaway diagrams of the aircraft do show radio/antenna mounting information.

73 de Jack (n7oo@hereford.ampr.org)

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: lakeith@wrdis01.robins.af.mil (Larry Keith)
Subject: Re: Flattening celluloid
Message-ID: <199509041029.FAA02898@wrdis01.robins.af.mil>

In your message of 1 Sep 1995 at 0420 EDT, you write:
> One problem I have with that Signal Shifter is that the plastic dial is
> warped like crazy, as is also the clear plastic insert that goes over
> it. How can I flatten these out? I pressed them in a stack of books

Try a warm iron.. Protect the plastic with a folded towel, put the iron on top of that, set it at medium heat and let it cook for a couple of hours.. Check it often and don't use too much heat!

73,

Larry, KQ4BY

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: Randall Berry <rberry@CapAccess.org>
Subject: Re: Found a pair of BC-611's
Message-ID: <Pine.SUN.3.91-FP.950903210842.21670B-100000@cap1.capaccess.org>

On Sat, 2 Sep 1995, Dave Stinson AB5S/7 wrote:

> I picked-up a pair of BC-611 variants
> at the Vegas swap today, and I'm hoping someone
> can help me identify them.

DAve,

I believe they are HF Radio Telephones.. I'm not sure how many band models they came in but I know of someone who has a pair on 3885 of course they are AM I think the largest contract with that type of unit was Motorola..

>
> "USE ONLY BA-37 'A' BATTERY"
> "USE ONLY BA-38 'B' BATTERY"

The batteries can still be found I believe Fair Radio has replacements for them but not certain. I can find out at the Gaithersburg FARfest \Sept. 10

If anyone else has info I'm sure they will chime in.. Very nice units if they are the pieces I'm thinking of.

-Randy

RBerry@CapAccess.org N3LRX 3885 KHz AM
* Yell-RX Radio * If you give up your right to dream, you have given up
* Bowie, MD. * your will to live.
* *

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: bratcher@krypton.netropolis.net (Robert M. Bratcher Jr)
Subject: Re: Hallicrafters S-41W?

Message-ID: <199509040918.JAA00713@krypton.netropolis.net>

>>>S41 Skyrider Junior. Never seen one of these
>>>
>>To: Dave Medley (And others who might know!)
>>About 6 months ago I saw a white Hallicrafters S-41W in a resale shop.
>>Didn't "buy" it because I thought it was repainted (the white color NOT
>>being original) Am I wrong about the repainting or did I pass up a rare set?
>>I haven't seen one since! BTW the radio is now gone.
>>Robert M. Bratcher Jr.
>>E-mail to:
>>bratcher@netropolis.net
>>or
>>robert2039@aol.com
>
>The suffix "W" indicates that the cabinet was painted white. You missed a
>fairly unusual radio.
>Dave KI6QE

By the several responses I've got on this radio It seems I should have
picked it up! Oh well, Next time I'll know better & not pass up a set just
cause I don't care for it. Who knows, Maybe someone at my local radio club
(Houston Vintage Radio Club) might want it!

Robert M. Bratcher Jr.
E-mail to:
bratcher@netropolis.net
or
robert2039@aol.com

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: Michael Crestohl <mc@shore.net>
Subject: INFO NEEDED ON VRC-12, PRC-77 and PRC-68
Message-ID: <199509031547.AA08565@northshore.ecosoft.com>

Hello All:

I would like to know the frequency range and power output of the above-mentioned military radios. I picked up what looks to be an interesting test set and need to know what it will do.

Cordially,

Michael Crestohl, KH6LKD/W1
mc@shore.net

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: KC5IJD@aol.com
Subject: Re: INFO NEEDED ON VRC-12, PRC-77 and PRC-68
Message-ID: <950903140759_90251446@mail06.mail.aol.com>

Michael,

What's the nomenclature of the test set - if you give me that I can probably give you some specs on it.

PRC-77 30 - 80 Mc 2 - 4 Watts

PRC-68 30 - 80 Mc 1 - 2 Watts

PRC-68A 30 - 80 Mc 1.5 - 3 Watts

Will have to go look up the VRC-12 stuff though I recall 70 - 80 watts 30 - 75 Mc.

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@aol.com

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: Jack Taylor <n7oo@hereford.ampr.org>
Subject: M14/M15 pubs gone
Message-ID: <199509032106.QAA18034@uro.theporch.com>

At 02:36 PM 9/3/95 -0500, Jack Taylor wrote:
>2 ea CAA manuals covering maintenance and operation of the Teletype Corp

SNIP

The Teletype publications have been spoken for! Thanks to all who expressed an interest!

73 de Jack

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995

From: HAMRLUND@aol.com
Subject: NEW LIST AVAILABLE
Message-ID: <950903190551_10171177@mail06.mail.aol.com>

My up-dated sale list is ready. if you would like a copy. send me e-mail, & I'll get it to you.

robert

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: KB9VU@aol.com
Subject: Peoria Swap Fest
Message-ID: <950903163120_10092077@mail02.mail.aol.com>

Any BA folks planning to attend. I be glad to meet any one that is.

Also looking for information on a Hallicrafters SX-115 receiver. Looks like these are scarce around the area and I would like to locate one.

Anyone on the list with periodicals that they want to transfer?? 1950 through 1975 vintage holds most interest.

Thanks!

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: MEC <danmec@inet.uni-c.dk>
Subject: Radio Bygones
Message-ID: <Pine.3.89.9509041624.A23509-0100000@inet.uni-c.dk>

Several have expressed an interest in this magazine published in UK.

For a sample copy send a 5 dollar bill to :

G C Arnold Partners (R9)
9 etherby Close
Broadstone, Dorset
England BH18 8JB

Fax/Phone : - 44- 1202 658474

73 Rag 0Z8R0

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: Duncan Cadd <dcadd@luc.ac.be>

Subject: Radio Bygones (fwd)
Message-ID: <9509041521.AA12423@alpha.luc.ac.be>

Greetings, Rag et al, from a dark Diepenbeek in N.E. Belgium !

> From: MEC <danmec@inet.uni-c.dk>
>
> Several have expressed an interest in this magazine published in UK.
>
> For a sample copy send a 5 dollar bill to :
>
> G C Arnold Partners (R9)
> 9 Wetherby Close
> Broadstone, Dorset
> England BH18 8JB
>
> Fax/Phone : - 44- 1202 658474
>
> 73 Rag OZ8R0
>
>

PSE note correction to minor typo in Rag's original. Also note that the same outfit publishes 'Morsum Magnificat', a bi-monthly devoted to all things cw. The latter magazine, and I assume also the former, are available in North America via:

Wise Owl Worldwide Publications,
4314 West 238th Street,
TORRANCE,
CA 90505-4509

tel. (310) 375 6258

The subscription price for Morsum Magnificat is \$26-50 per year or \$50 per 2 years. Sorry, no details re the price on Radio Bygones, but I'm sure Wise Owl will be only too happy to tell you if you call them.

I think I recall seeing this here before, but I'll post it again anyway, if you are ever in London, visit the Vintage Wireless Museum, 23 Rosendale Road, West Dulwich, London SE21 8DS, open by appointment I think, tel 0181 670 3667, drop the initial '0' if calling from outside the UK.

Hope this helps,
73,

Duncan ON9CHU / G0UTY G-QRP 8117

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: Jeffrey Herman <jeffrey@math.hawaii.edu>
Subject: Re: Re. 600 Metre Guard
Message-ID: <Pine.SUN.3.91.950903201623.7990A-100000@kahuna>

On Sat, 2 Sep 1995 TOM.A.ADAMS@mail.admin.wisc.edu wrote:
> BTW, while I don't have it with me, there is one book I have that can make a
> few contributions to the subject.
>Check out "SOS To The Rescue" (1935) By Karl Baarslag. He has a chapter dealing
> with the whole issue from the trenches, seen thru the eyes of working marine
> operators.

I just did a quick title check from the library and here's what popped up:

Baarslag, Karl
Famous Sea Rescues (Formerly titled SOS To The Rescue)
1935
call number VK 397.B33 1935

Not sure why the name was changed (2nd printing/edition?)

> Among other things, these guys had lists of unofficial operating signals, used
> because the real lists weren't abusive enough! Example; GTH = "Go To Hell".

That reminds me of the Coast Guard's F-signal: FTG (see part 2 or 3 of
my "500 kc" series of last year...)

>A maxim of the period he quotes says "It's impossible to be a wireless operator
> and remain a Christian!".

I sure would like to have been on the air back then!

Jeff NH6IL

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: lakeith@wrdis01.robins.af.mil (Larry Keith)
Subject: Re: Shelby Report
Message-ID: <199509041130.GAA04476@wrdis01.robins.af.mil>

> Subject: Shelby Report
>
> A quick report on the first (official) day of the Shelby, N.C. Hamfest. I spent
> the "golden hours" at the gate handing out fliers, so I'm sure I missed some

> goodies...

>

Well, it is easy to miss some goodies at Shelby.. I can add a few sightings to the list.. There were a couple of dusty BC-348Q's, one SX-28, a HRO-5TA1, and a bunch of Drakes. One nice looking S-Line was still there when I drove out about 1400, yesterday. I saw two guys with signs advertising BC-610's for sale. I should have bought the HW-100/HP-23 parts rigs for \$65. I saw Boatanchor Bob while I looked at an old Meissner Transmitter down by the bath house. Over in the racetrack was a nice HQ-110A with the VHF converters and the matching speakers for \$175. Hallicrafters R-46 speakers were available, if one wished to pay the price. I think Nick sold his Collins receivers (75A1 and 75A2?) There were plenty of Heathkit stuff around. I will let Nick tell you about his unbuilt kit.. 8-).

If you think there is a shortage of tubes, you haven't been to Shelby. There must have been 50 tube merchants scattered around the place. I did pause and think when I saw the old drug store tube tester for sale down in the bottoms.. But, reason prevailed, and I left it for someone else to haul home.

One seller had a couple of boxes of manuals from the Freck Radio place in Asheville. Lots of Heathkit and Drake manuals.

I did not see a lot of Johnson gear. had my eyes for a stray T-4X.. No luck there, either.

I had a lot of lookers. But, no one bought the HA-1 keyer that I had for sale. I spent a lot of time at my tables in the horse barn. But, my general impression is that a lot of gear went back home with the sellers.

I brought home a few items for the junk box, an old HP multimeter, and some pleasant memories because I ran into Nick, Bob, Barry, and Greg from this list. I saw N02N.. Thought I recognized that call.. But, didn't catch up with him.

It was so bad that next year I am going up on Thursday!

73,

Larry, KQ4BY

From boatanchors@theporch.com Mon Sep 4 11:51:00 1995
From: Steven Wilson <randyw@crl.com>
Subject: Wanted TV-7D tube tester

Message-ID: <Pine.SUN.3.91.950904081035.19930B-100000@crl12.crl.com>

Looking for a TV-7D. Please advise price and condition.
Thanks de stan ak0b

e-mail via randyw@crl.com